



Probability of Hit and Kill Simulation (APHAKS)



AMSAA Probability of Hit and Kill Simulation (APHAKS)

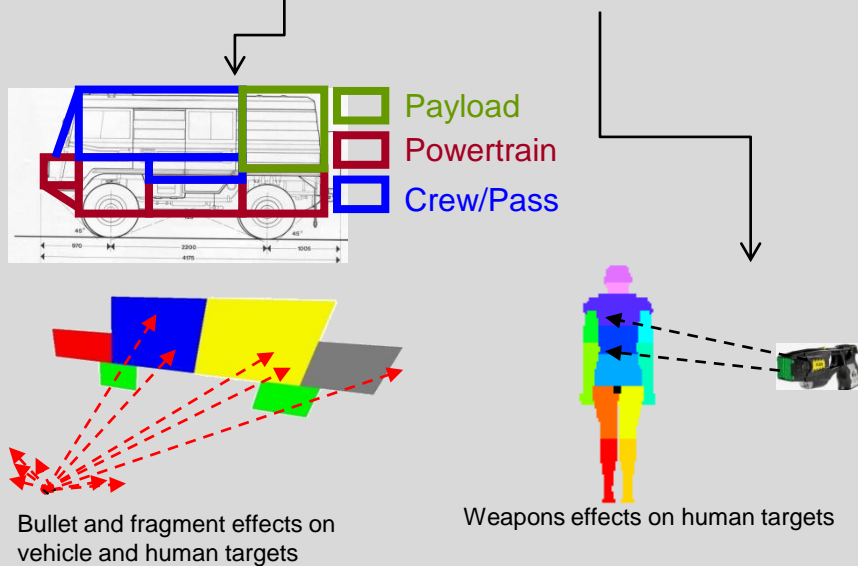
Assesses vehicle and crew survivability

Quick Response

Used when detailed target descriptions are not available

Target represented by rectangular and triangular "cells"

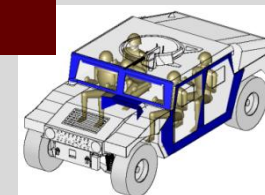
Applications for Vehicle Systems and Personnel Analysis



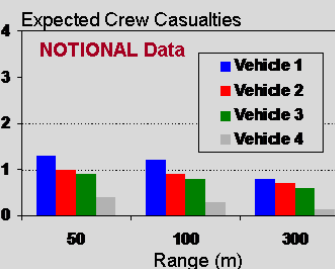
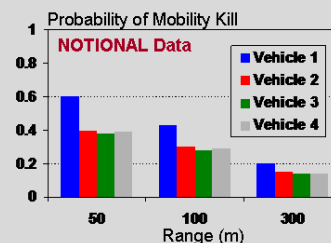
APHAKS Applications

Analyses of direct fire threats (small arms, EFPs, RPGs, and IEDs)

Performance measures provided for various threats and engagement conditions



Metrics



Provided quantitative assessments to support JLTV EoA/ABA/AoA, FCS Tile Study, GCV, CTV and MRAP analyses.

Enables crew and platform protection comparisons across alternatives and capability gaps to best support Integrated Analysis approach